

Hindi 283

AAGCTTCACCAACATCATCATCACGCATCACCACCCACCGCATCATCATCACCATC  
-----+-----+-----+-----+-----+-----+-----+  
TTCGAAGTGGTGGTAGTAGTAGTGCGTAGTGGTGGTGGTGGTAGTAGTAGTGGTAG  
K L H N H N H A S P P P R I I I T I  
S F T T I I I T H N H N H N H A S S S P S  
A S P P S S S R I T T T T H N H N H N H

Sphr 196

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ACCTCGAGCGTCACACTAGCTGAGTAAGCATGC
-----+-----+-----+-----+
TGGAGCTCGCAGTGTGATCGACTCATTGTACG
T S S V T L A E * A C
P R A S H * L S K H
L E R H T S * V S M

```

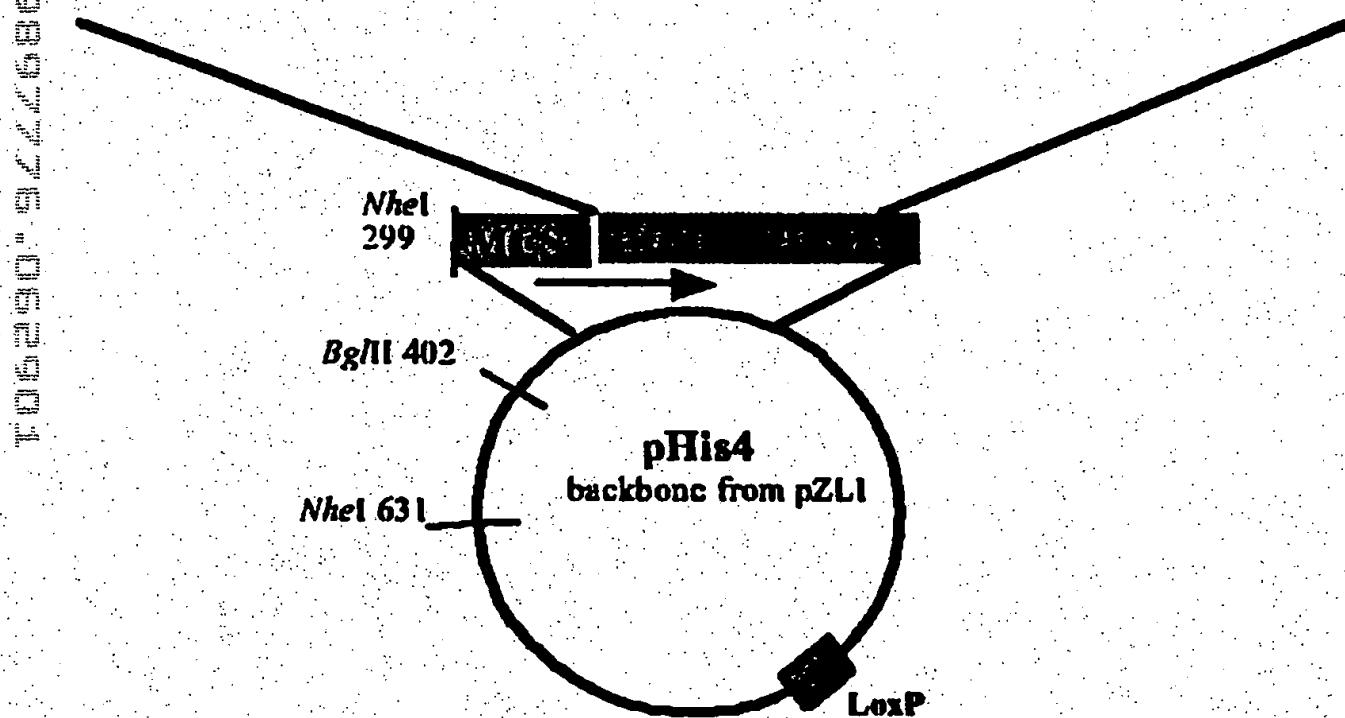
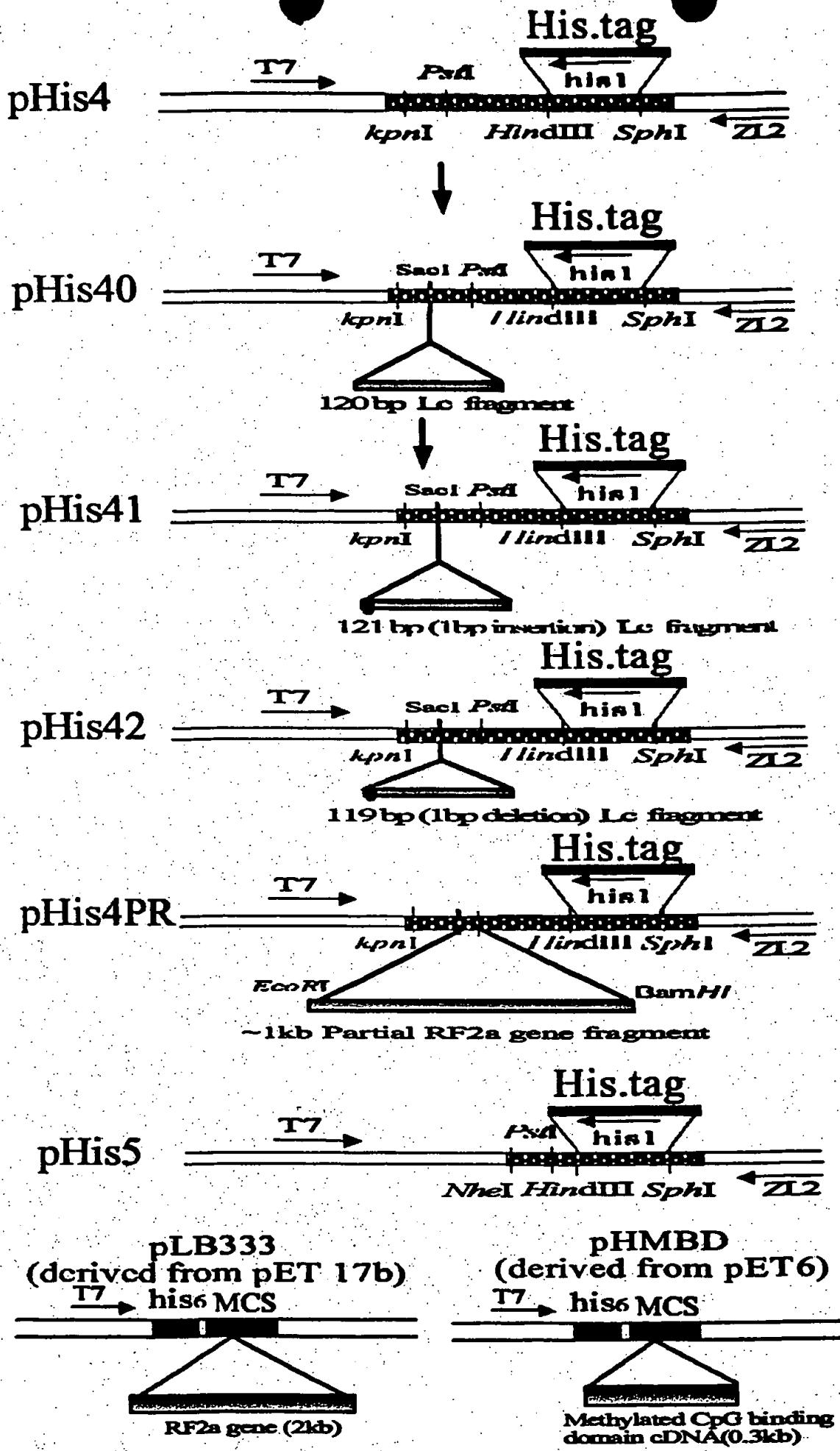


Figure 1

FIGURE 2



**Correct translation**  
non-organismal protein

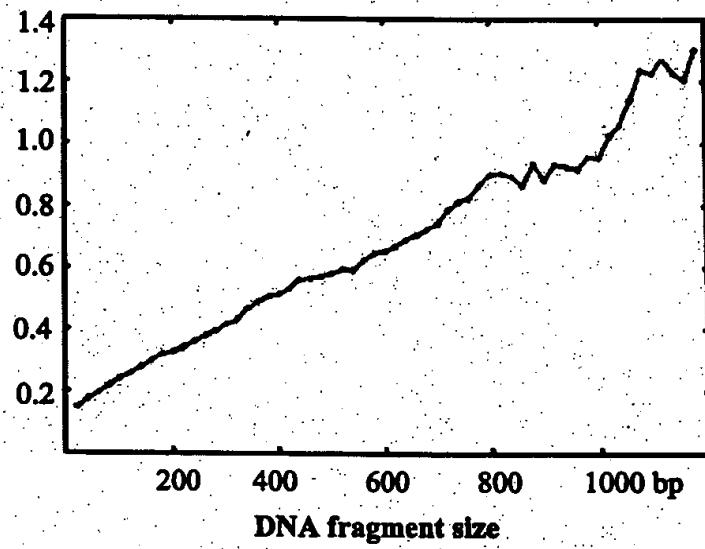
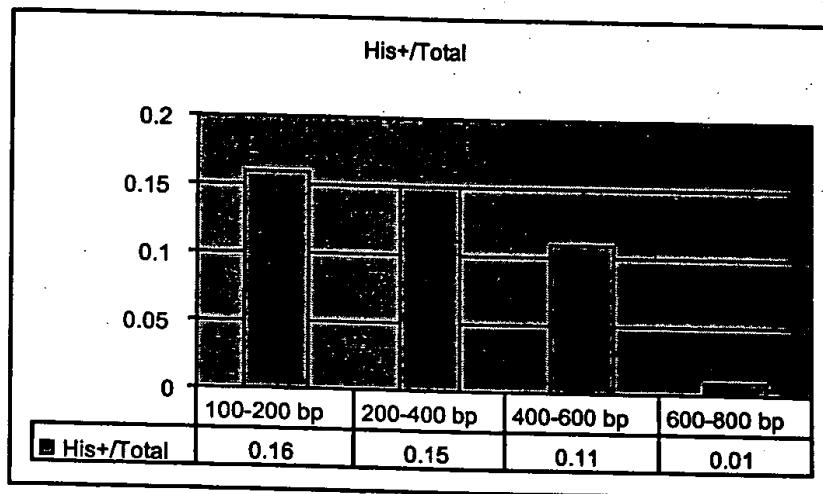


Figure 3

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**Figure 4**

**T7 promoter**

TAATACGACTCACTATAAGGGAGACCACAACGGTTCCCTCTAGAAATAATT

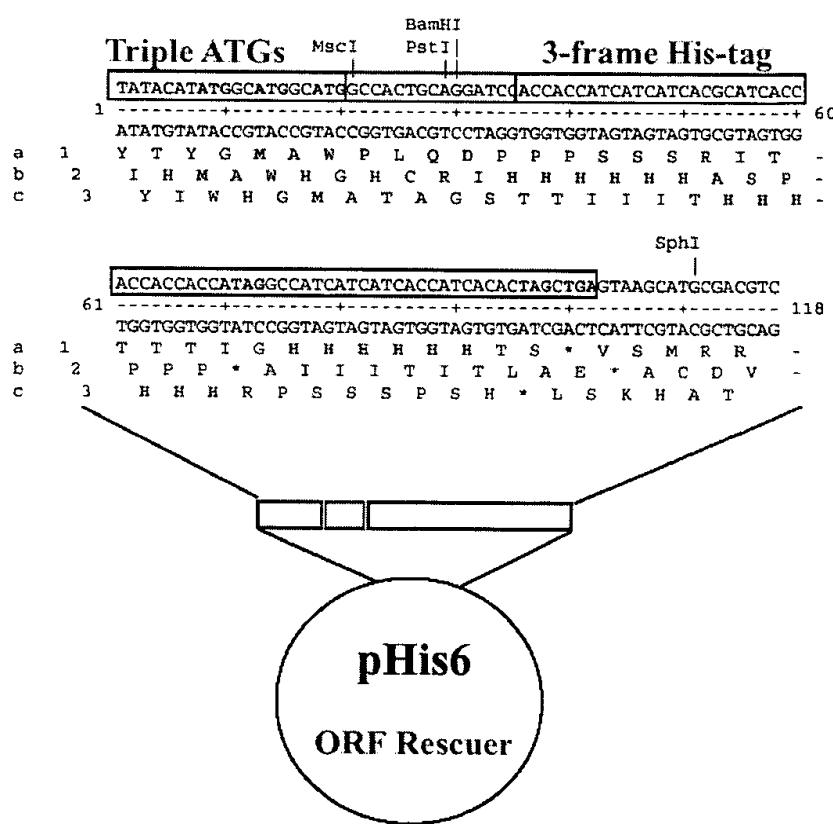
TGTTAACTTAAAGAAGGAGATATACATATGGCATGGCATGGCCA

Ribosome binding site

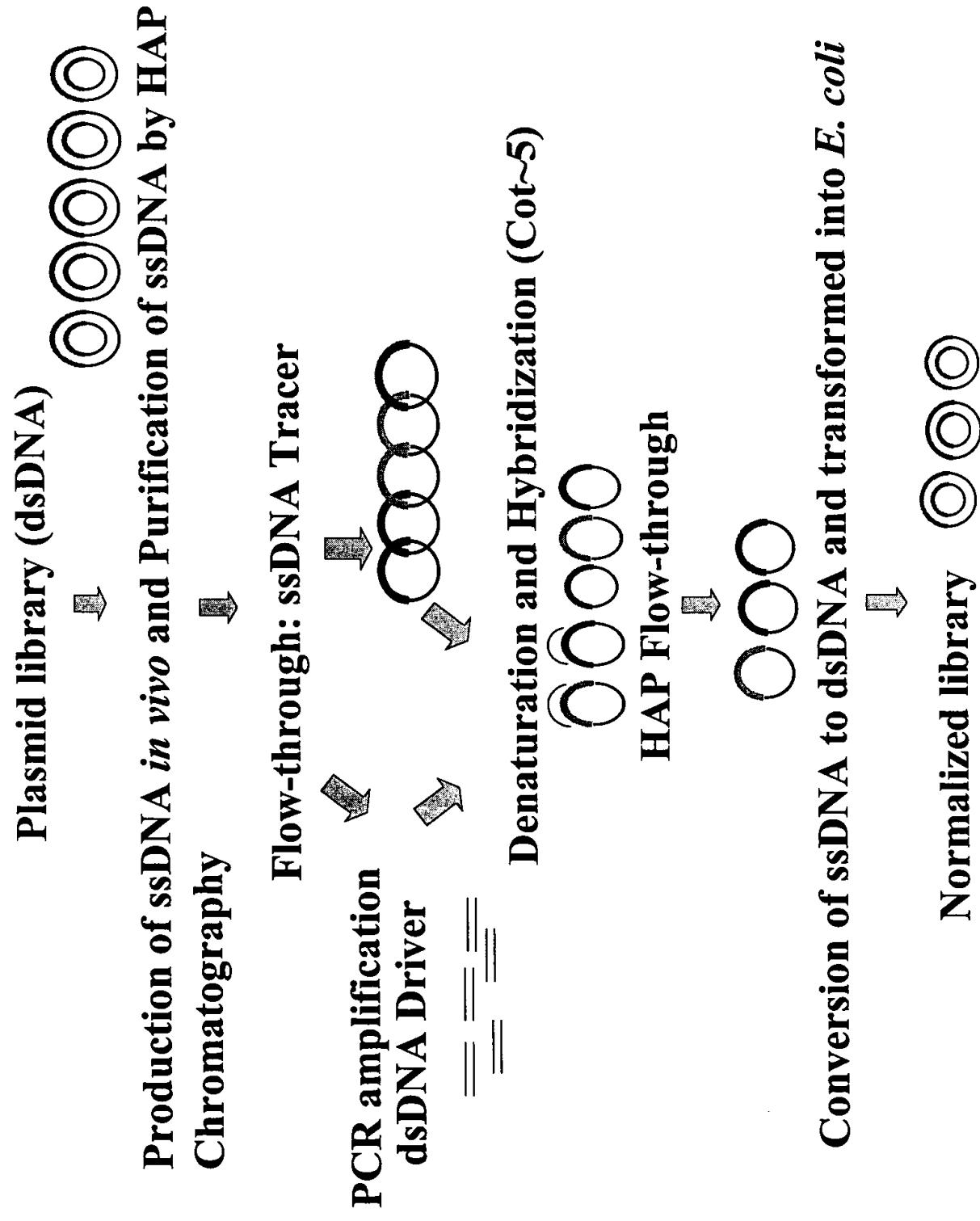
Triple-ATGs

**Figure 5A**

**MCS**



**Figure 5 B**



(Method of Marcelo Bento Soares, Genome Research 6: 791-806, 1996)

# BLAST analyses of ORF Rescue Fragments

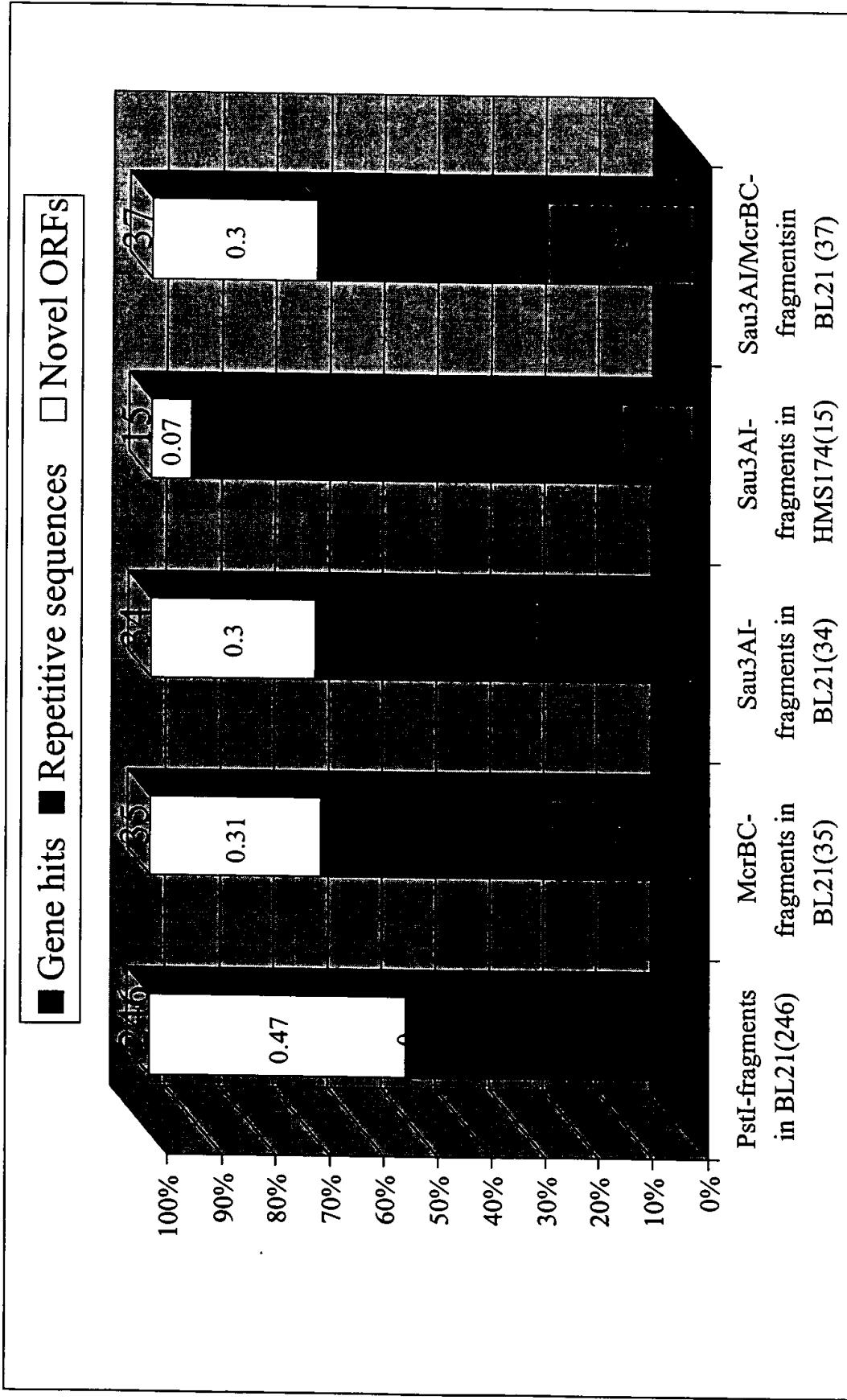


FIGURE 7